

## LED POST TOP INSTALLATION INSTRUCTIONS

These instructions apply to the LED Post Top models listed in the table below.

**CAUTION** - These LED retrofits are designed to operate on line voltage. Ballast must be bypassed prior to installation.

**WARNING** - Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

**WARNING** - Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit does not exceed the input rating of the luminaire.

**WARNING** - Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

**WARNING** - To prevent wiring damage or abrasion, do not expose wiring to sharp edges of sheet metal or other sharp objects.

This device is not intended for use with Emergency Exits.

- Prior to installation, please read the entire installation instructions.
- This product must be installed in accordance with the installation instructions.
- Suitable for damp locations. Do not use where exposed to water.
- Do not attempt to open or modify the lamps in any way.
- Not for use in environments where explosive or corrosive gases are present.

For installations in Canada:

This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.



Mogul Base Models Only  
(See details below)

## INSTALLATION REQUIREMENTS

| Model               | Input Voltage | Base       | Fixture Type                                | Minimum<br>Compartment Diameter<br>(inch) | Minimum<br>Compartment Height<br>(inch) |
|---------------------|---------------|------------|---------------------------------------------|-------------------------------------------|-----------------------------------------|
| USA / Canada models |               |            |                                             |                                           |                                         |
| LED-8144MX-A        | 120-277VAC    | EX39 Mogul | Outdoor Luminaire -<br>Fully Enclosed only. | 8"                                        | 11.5"                                   |
| LED-8145-MXX-A      | 120-277VAC    | EX39 Mogul | Indoor Luminaire -<br>Open or Enclosed.     | 8"                                        | 11.5"                                   |
| LED-8146MXX-A       | 120-277VAC    | EX39 Mogul |                                             | 8"                                        | 13.2"                                   |
| Canada only models  |               |            |                                             |                                           |                                         |
| LED-8144MXXC-A      | 347VAC        | EX39 Mogul | Outdoor Luminaire -<br>Fully Enclosed only. | 8"                                        | 11.5"                                   |
| LED-8145MXXC-A      | 347VAC        | EX39 Mogul | Indoor Luminaire -<br>Open or Enclosed.     | 8"                                        | 11.5"                                   |
| LED-8146MXXC-A      | 347VAC        | EX39 Mogul |                                             | 8"                                        | 13.2"                                   |

## CONTENTS

- 1 pc LED Retrofit lamp
- 1 pc Installation Instruction Sheet
- 1 pc Re-lamping Label

### MOUNTING ORIENTATION

| BASE DOWN                                                                             | BASE UP                                                                               | HORIZONTAL                                                                            |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| APPROVED                                                                              | APPROVED                                                                              | APPROVED                                                                              |

### INSTALLATION NOTES

Do not over-torque product when installing.

Product may be installed using 2 hot leads if a neutral is not available. Check that voltage meets the requirements.

## INSTRUCTIONS

- 1.) Turn off power to the luminaire at switch and circuit breaker. Allow luminaire to cool before proceeding.
  - 2.) Ensure that the luminaire and electrical inputs meet the requirements in the table. The lamp may be installed in an enclosed fixture either indoors or outdoors.  
When installed indoors, the lamp may be installed in an open fixture. Please ensure that the lamp is protected from direct water spray and bugs.
  - 3.) If a ballast is present it must be bypassed. If desired it may be removed. Please refer to the wiring diagram below. Disconnect or cut the wires to and from the ballast. Connect the line and neutral wires to the socket leads as shown in the wiring diagram.
  - 4.) Screw the lamp into the lamp holder. Do not over-torque as this could cause damage.
  - 5.) Ensure that the socket is properly mounted and has adequate strength to support the device.
  - 6.) Apply label to the inside of the luminaire where it will be visible during re-lamping.
  - 7.) Turn on electrical power to the luminaire and verify proper operation.
- If the device does not operate properly, shut off power and contact the manufacturer.

### Wiring Diagram

